

5                    **Amendment to the Claims:**

This listing of claims will replace the claims in the application.

1. (original) An ophthalmologic image pickup system, comprising:

an image pickup device including;

image data generation means for generating image data of an eye fundus to be

10    examined;

the device information generation means for generating the device information to  
identify the device; and

data output means for outputting the image data and the device information, and

an image processing device including;

15                    data input means for inputting the image data and the device information, and the  
device information, said data output means of the image pickup device;

device information determination means for determining the image pickup device  
based on the device information inputted through the data input means; and

image processing means for performing different image processings on the image

20    data in accordance with a determination result of the device information determination means.

2. (original) An ophthalmologic image pickup system according to claim 1,

wherein the image pickup device information includes information indicating whether or not at  
least one of processing for vertically reversing the image data and processing for horizontally  
reversing the image data with the image processing means should be performed by the image

25    processing apparatus.

3. (currently amended) An ophthalmologic image pickup system according to  
claim 1-~~or~~ 2,

5                    wherein the image pickup device information includes information indicating  
whether or not the image data should be synthesized with an electronic aperture mask by means  
of the image processing means.

4. (original) An ophthalmologic image pickup system, comprising:  
a plurality of image pickup devices, each of which picks up an image of an eye to  
10 be examined to generate image data thereof;  
device information determination means for determining inputted device  
information related to the image pickup device;  
a processing table showing an image data processing method corresponding to  
each of the plurality of image pickup devices; and  
15 image processing means for performing different image processings on the image  
data in accordance with a determination result of the device information  
determination means and the processing table.

5. (original) An ophthalmologic image pickup system according to claim 4,  
wherein the device information includes a description of a kind of the image pickup device.

20 6. (original) An ophthalmologic image pickup system according to claim 4,  
wherein the processing method shown in the processing table relates to whether or not at least  
one of the processing in which the image data is horizontally or vertically reversed should be  
performed.

7. (original) An ophthalmologic image pickup system according to claim 6,  
25 wherein the processing method shown in the processing table is whether the composition of an  
electric aperture mask with the image data should be performed or not.

5                   8. (currently amended) An ophthalmologic image pickup system according to claim 1-~~or~~4, wherein the device information generation means is connected with the image data generation means, and the image data generation means adds the device information generated by the device information generation means to the image data and outputs the image data to which the device information is added to the device information determination means.

10                   9. (currently amended) An ophthalmologic image pickup system according to claim 1-~~or~~4, wherein the image data and the device information are separately inputted to the device information determination means.

                  10. (original) An ophthalmologic image pickup system, comprising:  
                  an image pickup device including image data generation means for picking up an  
15   image of an eye to be examined to generate image data thereof; and  
                  an image processing apparatus including: image pickup information determination means for determining inputted image pickup information; and image processing means for performing different image processings on the image data in accordance with a result of the image pickup information determination means.

20                   11. (original) An ophthalmologic image pickup system according to claim 10, wherein the image pickup device further comprises image pickup information generation means for generating image pickup information related to an image pickup mode upon image pickup, the image pickup information generation means is connected with the image data generation means, and the image data generation means adds the image pickup information generated by the  
25   image pickup information generation means to the image data and outputs the image data to which the image pickup information is added to the image pickup information determination means.

5                   12. (original) An ophthalmologic image pickup system according to claim 10,  
wherein the image pickup mode is one of a color image pickup mode, a Fluorescein fundus  
angiography mode, and an Indocyanine green angiography mode.

13. (original) An ophthalmologic image pickup system according to claim 10,  
wherein the different image processing include at least one of conversion of the image data into a  
10 white-and-black image,  $\gamma$  characteristic adjustment thereof, and contrast processing thereof when  
the image pickup mode is one of the Fluorescein fundus angiography mode and the Indocyanine  
green angiography mode.

14. (original) An ophthalmologic image pickup system according to claim 10,  
wherein the image pickup device further comprises image pickup information generation means  
15 for generating image pickup information related to an image pickup mode upon image pickup,  
and the image data and the image pickup information are separately inputted to the image pickup  
information determination means.

15. (original) An ophthalmologic image processing apparatus, comprising:  
image processing means for processing image data outputted from an  
20 ophthalmologic image pickup device; and

device information determination means for determining device information  
inputted from the ophthalmologic image pickup device,

wherein the image data is processed in accordance with the determined device  
information.

25                   16. (original) An ophthalmologic image processing apparatus according to claim  
15, wherein at least one of processing for vertically reversing the image data, processing for

5 horizontally reversing the image data, and processing for synthesizing an aperture with the image data is performed in accordance with the device information.

17. (original) An ophthalmologic image pickup device, comprising:

image data generation means for picking up an eye fundus image of an eye to be examined to generate image data thereof;

10 device information generation means for generating device information of the ophthalmologic image pickup device; and

output means for adding the device information to the image data and outputting the image data to which the device information is added.

18. (new) An ophthalmologic image pickup system according to claim 2,

15 wherein the image pickup device information includes information indicating whether or not the image data should be synthesized with an electronic aperture mask by means of the image processing means.

19. (new) An ophthalmologic image pickup system according to claim 4, wherein the device information generation means is connected with the image data generation means, and  
20 the image data generation means adds the device information generated by the device information generation means to the image data and outputs the image data to which the device information is added to the device information determination means.

20. (new) An ophthalmologic image pickup system according to claim 4, wherein the image data and the device information are separately inputted to the device information  
25 determination means.